



Hughes Academy of Science and Technology

122 DeOyley Ave
Greenville, SC 29605

Grades	6-8 Middle School	
Enrollment	928 Students	
Principal	Dr. Patrick J. Mark	864-355-6200
Superintendent	Mr. Burke Royster	864-355-3100
Board Chair	Mr. Chuck Saylor	803-360-3527

THE STATE OF SOUTH CAROLINA 2013 ANNUAL SCHOOL REPORT CARD

RATINGS OVER 5-YEAR PERIOD

YEAR	ABSOLUTE RATING	GROWTH RATING
2013	Average	Average
2012	Average	Average
2011	Average	Average
2010	Average	Average
2009	Average	Below Average

DEFINITIONS OF SCHOOL RATING TERMS

- Excellent – School performance substantially exceeds the standards for progress toward the 2020 SC Performance Vision
- Good – School performance exceeds the standards for progress toward the 2020 SC Performance Vision
- Average – School performance meets the standards for progress toward the 2020 SC Performance Vision
- Below Average – School is in jeopardy of not meeting the standards for progress toward the 2020 SC Performance Vision
- At-Risk – School performance fails to meet the standards for progress toward the 2020 SC Performance Vision

SOUTH CAROLINA PERFORMANCE VISION

By 2020 all students will graduate with the knowledge and skills necessary to compete successfully in the global economy, participate in a democratic society and contribute positively as members of families and communities.

<http://ed.sc.gov>
<http://www.eoc.sc.gov>

Percent of Student PASS Records Matched for Purpose of Computing Growth Rating

Percent of students tested in 2012-13 whose 2011-12 test scores were located

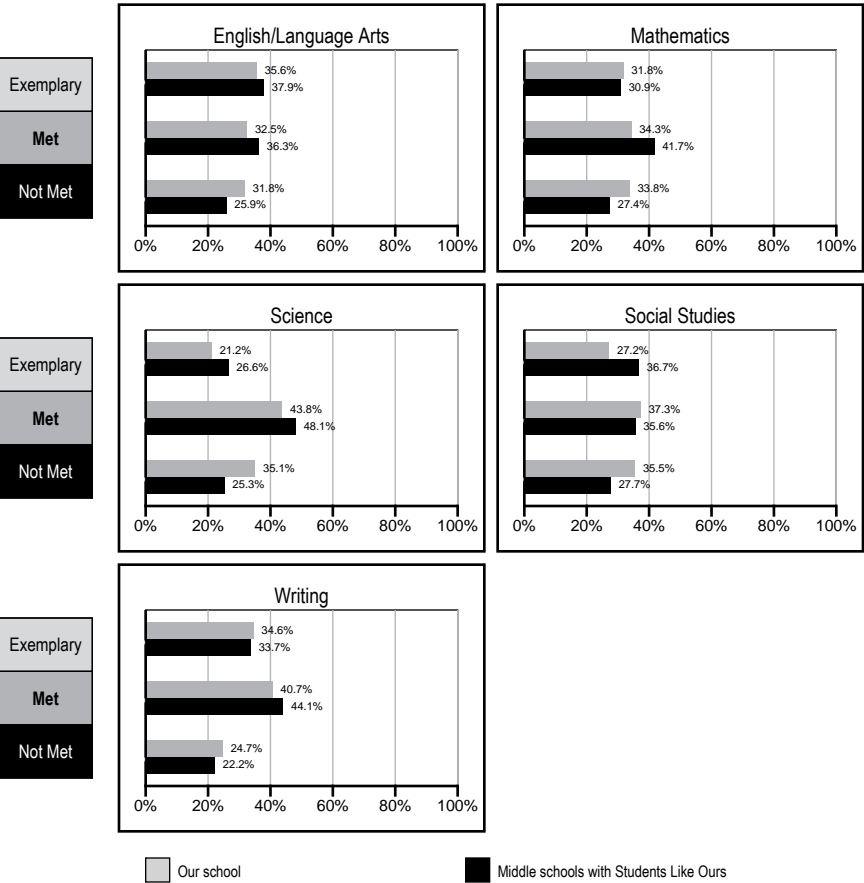
97%

ABSOLUTE RATINGS OF MIDDLE SCHOOLS WITH STUDENTS LIKE OURS*

Excellent	Good	Average	Below Average	At-Risk
7	23	24	1	1

* Ratings are calculated with data available by 03/14/2014.

Palmetto Assessment of State Standards (PASS)



* Middle schools with Students Like Ours are middle schools with poverty indices of no more than 5% above or below the index for the school.

Definition of Critical Terms

Exemplary	"Exemplary" means the student demonstrated exemplary performance in meeting the grade level standard.
Met	"Met" means the student met the grade level standard.
Not Met	"Not Met" means that the student did not meet the grade level standard.

Abbreviations for Missing Data

N/A--Not Applicable N/AV--Not Available N/C--Not Collected N/R--Not Reported I/S--Insufficient Sample

End of Course Tests

Percent of tests with scores of 70 or above on:	Our Middle School	Middle Schools with Students Like Ours
Algebra 1/Math for the Technologies 2	99.0%	95.7%
English 1	99.1%	93.0%
Physical Science	N/A	N/A
US History and the Constitution	N/A	N/A
All Subjects	99.0%	95.1%

School Profile

	Our School	Change from Last Year	Middle Schools with Students Like Ours	Median Middle School
Students (n=928)				
Students enrolled in high school credit courses (grades 7 & 8)	31.0%	Down from 34.7%	27.9%	24.6%
Retention rate	0.3%	Down from 0.8%	0.5%	0.6%
Attendance rate	95.7%	Down from 96.1%	95.9%	95.9%
Served by gifted and talented program	26.4%	N/A	21.4%	18.5%
With disabilities	11.0%	N/A	12.7%	13.0%
Older than usual for grade	3.4%	N/A	4.6%	4.8%
Out-of-school suspensions or expulsions for violent and/or criminal offenses	1.3%	Down from 2.6%	0.8%	0.6%
Annual dropout rate	0.0%	No Change	0.0%	0.0%
Teachers (n=50)				
Teachers with advanced degrees	68.0%	Up from 66.0%	65.0%	61.5%
Continuing contract teachers	82.0%	Down from 89.4%	83.0%	77.2%
Teachers returning from previous year	83.6%	Down from 85.2%	88.8%	85.9%
Teacher attendance rate	96.0%	No Change	94.8%	94.9%
Average teacher salary*	\$48,378	Up 4.6%	\$48,394	\$47,313
Professional development days/teacher	9.1 days	Up from 7.2 days	9.9 days	10.1 days
School				
Principal's years at school	6.0	Up from 5.0	3.5	4.0
Student-teacher ratio in core subjects	18.4 to 1	Down from 25.5 to 1	22.6 to 1	22.1 to 1
Prime instructional time	91.1%	Down from 91.9%	89.7%	89.6%
Opportunities in the arts	Good	No Change	Good	Good
SACS accreditation	Yes	No Change	Yes	Yes
Parents attending conferences	97.6%	Up from 90.1%	99.0%	99.0%
Character development program	Good	Up from Average	Excellent	Good
Dollars spent per pupil**	\$5,863	Up 1.5%	\$7,075	\$7,239
Percent of expenditures for instruction**	61.0%	Down from 61.7%	64.0%	63.0%
Percent of expenditures for teacher salaries**	59.0%	Down from 61.2%	61.0%	61.0%

* Includes current year teachers contracted for 185 or more days.

** Prior year audited financial data are reported.

Abbreviations for Missing Data

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Report of Principal and School Improvement Council

The mission of Hughes Academy of Science and Technology is to create independent thinkers for the future in an ever changing society. Our developmentally appropriate, school-wide curriculum is fully aligned to state and national standards. Faculty and support staff members are dedicated to concentrating on best practices and strategies that continue to improve the educational profile and academic standing of our school.

This year, the students at Hughes Academy have under taken a major cross-curriculum project on creating an organic garden in collaboration with Furman University. All students involved will be charged with the task of planning, building, and growing all aspects of this organic garden.

Education business partnerships are designed to prepare our students to compete in a global economy. We also provided a supportive school environment that prompted student learning. Faculty and staff improved communication between homes, the school and the community.

Students continue to be challenged academically. Hughes Academy is still on the cutting edge of innovative science curriculum. Hughes Academy will continue to use MAP and PASS testing to assist teachers in designing lesson plans, which raised academic success of the students. In addition, students were given the opportunities to participate in other extra-curricular activities which develop the total student ability.

The Parent Teachers Student Association (PTSA) at Hughes Academy continues to initiate and support numerous opportunities for student and parent involvement on our campus. The School Improvement Council (SIC) is a valuable resource in evaluating growth areas viable to the health of our school. Business partners continue to assist the school financially, as well as provide tutors, speakers and other resources.

The educational climate at Hughes Academy continues to improve. The teachers continue in their efforts to become more effective classroom instructors by seeking advanced degrees with the goal of all teachers achieving highly qualified status. With the support of business partners, parents, teachers, and the community as a whole, our goal of making Hughes Academy the outstanding science and technology school in the south east can be achieved. We look forward to a successful 2013-2014 school year.

Dr. Patrick J. Mark, Principal

Ms. Brooke Culclasure, SIC Chairperson

Evaluations by Teachers, Students and Parents

	Teachers	Students*	Parents*
Number of surveys returned	1	220	102
Percent satisfied with learning environment	N/A	67.7%	72.5%
Percent satisfied with social and physical environment	N/A	69.5%	64.7%
Percent satisfied with school-home relations	N/A	87.3%	64.7%

* Only students at the highest middle school grade level and their parents were included.

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ESEA/Federal Accountability Rating System

In July 2013, the South Carolina Department of Education was granted a waiver from several accountability requirements of the federal Elementary and Secondary Education Act (ESEA). This waiver allowed SC to replace the former pass/fail system with one that utilizes more of the statewide assessments already in place and combine these subject area results with graduation rate (in high schools) to determine if each school met the target or made progress toward the target. This analysis results in a letter grade for the school rather than the pass/fail system of previous years. For a detailed review of the matrix for each school and districts that determined the letter grade, please use the following link: <http://ed.sc.gov/data/eSEA/> or request this information from your child's district or school.

Overall Weighted Points Total	81.6
Overall Grade Conversion	B

Index Score	Grade	Description
90-100	A	Performance substantially exceeds the state's expectations.
80-89.9	B	Performance exceeds the state's expectations.
70-79.9	C	Performance meets the state's expectations.
60-69.9	D	Performance does not meet the state's expectations.
Less than 60	F	Performance is substantially below the state's expectations

Accountability Indicator for Title I Schools

Hughes Academy of Science and Technology school has been designated as a:

- ☐ Title I Reward School for Performance - among the highest performing Title I schools in a given year.
- ☐ Title I Reward School for Progress – one of the schools with substantial progress in student subgroups.
- ☐ Title I Focus School – one of the schools with the highest average performance gap between subgroups.
- ☐ Title I Priority School – one of the 5% lowest performing Title I schools.
- ☐ Title I School – does not qualify as Reward, Focus or Priority School.
- ☒ Non-Title I School – therefore the designations above are not applicable.

Teacher Quality and Student Attendance

	Our District	State
Classes in low poverty schools not taught by highly qualified teachers	1.8%	2.3%
Classes in high poverty schools not taught by highly qualified teachers	2.7%	4.9%

	Our School	State Objective	Met State Objective
Classes not taught by highly qualified teachers	8.5%	0.0%	No
Student attendance rate	95.7%	94.0%*	Yes

* Or greater than last year

Abbreviations for Missing Data

Performance By Group

Subgroups	ELA Mean	Math Mean	Science Mean	Social Studies Mean	ELA % Tested	Math % Tested
Grades 6-8						
All Students	644.4	645.5	619.2	623.1	99.9	100.0
Male	644.8	648.2	621.5	628.0	100.0	100.0
Female	643.9	641.8	615.8	616.9	99.7	100.0
White	672.3	670.9	644.5	648.0	100.0	100.0
African American	623.9	625.7	601.2	604.5	100.0	100.0
Asian/Pacific Islander	N/A	N/A	N/A	N/A	N/A	N/A
Hispanic	634.5	636.4	609.5	619.3	99.1	100.0
American Indian/Alaskan	N/A	N/A	N/A	N/A	N/A	N/A
Disabled	575.4	582.8	557.4	570.0	100.0	100.0
Limited English Proficient	630.1	631.7	597.2	614.5	98.6	100.0
Subsidized meals	626.2	626.7	601.1	604.4	99.8	100.0
Annual Measurable Objective (AMO)	628.0	628.0	628.0	628.0	95.0	95.0

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PASS Performance By Grade Level

	Grade	Enrollment 1st Day of Testing	% Tested	% Not Met	% Met	% Exemplary	% Met or Exemplary
English/Language Arts							
2012	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	327	100	40.1	25.5	34.4	59.9
	7	283	99.7	29.5	34	36.6	70.5
	8	280	100	30.5	35.3	34.2	69.5
2013	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	325	100	27	33.9	39.1	73
	7	318	99.7	33.6	35.9	30.6	66.4
	8	263	100	35.5	26.9	37.6	64.5
Mathematics							
2012	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	327	100	40.1	33.1	26.8	59.9
	7	283	99.7	27.2	39.9	32.8	72.8
	8	280	100	27.9	44.6	27.5	72.1
2013	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	325	100	28.3	38.8	32.9	71.7
	7	318	100	42.1	27.5	30.5	57.9
	8	263	100	30.6	37.1	32.2	69.4
Science							
2012	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	164	100	51.3	36.7	12	48.7
	7	283	99.7	33.2	46.6	20.1	66.8
	8	140	100	29.6	40.7	29.6	70.4
2013	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	164	98.8	38	52	10	62
	7	318	100	34.8	41.4	23.8	65.2
	8	131	99.2	31.7	39.8	28.5	68.3

Abbreviations for Missing Data

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PASS Performance By Grade Level

	Grade	Enrollment 1st Day of Testing	% Tested	% Not Met	% Met	% Exemplary	% Met or Exemplary
Social Studies							
2012	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	163	100	35.9	44.4	19.6	64.1
	7	283	99.7	39.9	33.6	26.5	60.1
	8	140	100	26.1	27.6	46.3	73.9
2013	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	161	97.5	24.7	60	15.3	75.3
	7	318	100	45.4	28.8	25.8	54.6
	8	131	100	23	31.1	45.9	77
Writing							
2012	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	N/A	N/AV	N/A	N/A	N/A	N/A
	7	N/A	N/AV	N/A	N/A	N/A	N/A
	8	281	99.3	20.1	37.7	42.2	79.9
2013	3	N/A	N/AV	N/A	N/A	N/A	N/A
	4	N/A	N/AV	N/A	N/A	N/A	N/A
	5	N/A	N/AV	N/A	N/A	N/A	N/A
	6	323	99.7	26.9	42.6	30.5	73.1
	7	321	99.7	24.4	40.9	34.7	75.6
	8	264	99.2	21.8	38.3	39.9	78.2

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